Peak District National Park

Forecast valid from 00:00 on Tuesday 12 Apr 2022 until 23:59 on Wednesday 13 Apr 2022

Forecast Issued on Monday 11 Apr 2022 at 15:10

Confidence: High confidence for gradual warming trend. Some uncertainty regarding extent of rainfall and timings, but moderate confidence of dry settled conditions for the end the work week.

Headline for Tuesday 12 Apr 2022: Largely cloudy with showers or longer spells of rain.

Mountain weather hazards on Tuesday 12 Apr 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Heavy Rain	Heavy Rain	Cloudy	Heavy rain showers	Heavy rain showers	Partly cloudy (night)
Precipitation probability							
20%	30%	70%	60%	40%	60%	60%	30%

Forecast for Tuesday 12 Apr 2022

Weather: Rain, occasionally heavy, will spread in from the south towards the end of the night. Becoming drier and brighter for a time around the middle of the day, but scattered showers are expected to develop during the afternoon, possibly merging to produce a longer period of rain. Showers gradually easing through the evening.

Chance of cloud-free hill tops above 600m: Around 70%

Low cloud and visibility: Extensive cloud above the summits, occasionally lowering to 500-700m, particularly during heavy outbreaks of rain or showers. Visibility generally good but reducing to a few km in rain and showers.

Forecast for Tuesday 12 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/23 E	14/19 E	18/25 SE	18/26 SE	15/20 SE	13/19 S	12/18 SW	13/19 SW	14/19 SW
300	12/21 E	9/15 E	13/22 E	14/22 SE	12/18 S	10/16 S	9/15 SW	8/13 SW	8/12 SW
Valley	11/19 E	11/18 E	8/17 E	8/17 E	6/14 SE	6/14 S	6/14 SW	5/13 SW	5/10 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	7/4	9/5	8/4	9/5	10/7	10/7	8/5	7/3
300	8/6	8/6	10/7	10/8	11/9	12/11	12/10	10/8	9/7
Valley	9/6	9/6	9/7	11/9	12/11	13/12	12/11	10/9	9/8
Freezing Level*	2200m	2300m	2300m	2300m	2300m	2100m	2000m	1900m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 11 Apr 2022	0.2mm	0.2mm	17.2mm

Forecast for Wednesday 13 Apr 2022

Weather: A dry, but rather cloudy start. Cloud lifting and breaking through the morning to allow spells of warm sunshine. However, scattered showers will develop from late morning, locally heavy. Showers dying away through the evening to leave a dry night.

Maximum wind: Southwest 10-15mph gusting 20-25mph.

Chance of cloud-free hill tops above 600m: 30-40% increasing to around 90% by midday.

Low cloud and visibility: Areas of cloud, with bases around 400-600m, lifting and breaking through the morning. Bases generally above the summits thereafter but perhaps lowering to just below this during showers. Visibility generally good, but lowering to a few km in showers.

Temperature: **Valleys:** 9 deg C, increasing to 17 deg C by the early afternoon.
At 600m: 6-9 deg C
Freezing level: Above summits.